

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"6549806".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/02/05 14:16
S2	90	(pacing WITH threshold) AND (safety NEAR margin) AND (indicator) AND pulse	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/20 08:53
S3	4	(US-20040220642-\$). did. or (US-6928325-\$ or US-6363281-\$ or US- 5718720-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/02/05 16:46
S4	90	(pacing WITH threshold) AND (safety NEAR margin) AND (indicator) AND pulse	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/05 16:47
S5	4	S3 AND S4	US-PGPUB; USPAT	OR	OFF	2007/02/05 16:47
S6	90	(pacing WITH threshold) AND (safety NEAR margin) AND (indicator) AND pulse	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/06 09:34
S7	69	(pacing NEAR threshold) AND (safety NEAR margin) AND (indicator) AND pulse	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/06 09:51
S8	35	((pacing NEAR threshold) SAME (safety NEAR margin)) AND (indicator) AND pulse	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/06 09:52
S9	35	((pacing NEAR threshold) SAME (safety NEAR (margin OR factor))) AND (indicator) AND pulse	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/06 09:53

S10	35	((pacing NEAR threshold) SAME (safety NEAR (margin OR factor))) AND (indicator) AND pulse AND (pacing NEAR threshold) AND (safety NEAR (margin OR factor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/06 09:54
S11	117	increase SAME (pacing NEAR threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/16 16:09
S12	2576	increase SAME (safety NEAR margin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/16 16:09
S13	21	S11 AND S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/16 14:48
S14	1	"6549806".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/16 16:08
S15	23	monitor\$4 SAME increase SAME (pacing NEAR threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/16 16:09
S16	163	monitor\$4 SAME increase SAME (safety NEAR margin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/17 16:43
S17	12	S15 AND S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/16 16:10
S18	217	monitor\$4 SAME increase SAME (safety NEAR (margin OR factor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/17 16:43

S19	23	monitor\$4 SAME increase SAME (pacing NEAR threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/17 16:43
S20	12	S18 AND S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/17 16:46
S21	188	dynamic WITH (safety NEAR (factor OR margin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/20 08:56
S22	0	S21 SAME (pacing NEAR threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/20 08:57
S23	2	S21 AND (pacing NEAR threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/20 08:55
S24	651	(adjustable OR adjust \$3) WITH (safety NEAR (factor OR margin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/20 09:45
S25	31	S24 SAME (pacing NEAR threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/20 09:17
S26	5	("5531770"   "6295470"   "6327498"   "6456879"   "6498950").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/20 09:17
S27	1	S26 AND S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/20 09:21

S28	22	("20040260352"   "4726380"   "4830006"   "4880005"   "4932406"   "4944298"   "5144949"   "5201865"   "5318594"   "5507782"   "5545186"   "5601615"   "5713933"   "5741311"   "5755736"   "5991656"   "6061594"   "6067472"   "6317633"   "6430441"   "6456879"   "6456880").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/20 09:19
S29	4	S28 AND S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/20 09:21
S30	20	("4233985"   "4253466"   "4273132"   "4273133"   "4337776"   "4401120"   "4895152"   "5320643"   "5350410"   "5391192"   "5855594").PN. OR ("6061594").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/20 09:24
S31	377	607/28.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/20 09:24
S32	59	S31 AND S24	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/20 09:31
S33	1	"7158831".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/20 09:31
S34	18	("20020078968"   "3949758"   "5855594"   "6016446"   "6038474"   "6044296"   "6061594"   "6169921"   "6192275"   "6275731"   "6298269"   "6363281"   "6456882"   "6473649"   "6512953"   "6539262"   "6618621"   "6714820").PN. OR	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/20 09:32

		("7158831").URPN.				
S35	5	S34 AND S24	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/20 09:32
S36	338	(modif\$4) WITH (safety NEAR (factor OR margin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/20 09:46
S37	0	S36 AND S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/20 09:46
S38	0	S36 AND S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/20 09:46
S39	0	S36 AND S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/20 10:16
S40	28	rueter-john-c.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/02/20 10:16
S41	22	("20040260352"   "4726380"   "4830006"   "4880005"   "4932406"   "4944298"   "5144949"   "5201865"   "5318594"   "5507782"   "5545186"   "5601615"   "5713933"   "5741311"   "5755736"   "5991656"   "6061594"   "6067472"   "6317633"   "6430441"   "6456879"   "6456880").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/04/23 10:50
S42	6	S41 AND (safety NEAR margin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/04/23 10:51

S43	1	"6456882".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/14 14:15
S44	1	"6456882".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/05/06 13:15
S45	20	("4712555"   "4788980"   "4809697"   "4940052"   "4944298"   "4944299"   "6058328"   "6101416"   "6324427"   "6339723"   "6351672"   "6377851"   "6377852").PN. OR ("6456882").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/06 13:58
S46	2945	threshold NEAR test	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/06 14:02
S47	3642	threshold NEAR test	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/05/06 14:02
S48	38580	(safety NEAR (factor OR margin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/05/06 14:03
S49	1	indicat\$4 NEAR increas \$4 NEAR (pacing NEAR threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/05/06 14:04
S50	5	indicat\$4 NEAR (pacing NEAR threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/05/06 14:04
S51	0	S47 AND S48 AND S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/05/06 14:05

S52	2	S47 AND S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/05/06 14:05
S53	0	S47 AND L%	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/05/06 14:10
S54	201	S47 AND S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/05/06 14:10
S55	4	(5144949 5318594  4944298 4932406).pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/05/06 16:40
S56	3642	threshold NEAR test	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/05/06 17:03
S57	38580	(safety NEAR (factor OR margin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/05/06 17:03
S58	201	S56 AND S57	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/05/06 17:03
S59	201	S58 AND safety	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/05/06 17:03
S60	68	S59 AND indicator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/05/06 17:04
S61	21	indicat\$4 WITH change WITH ((capture OR pacing) NEAR threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/09/25 09:46

S62	4	(5601615 5713933 6067472 6430441).pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/09/25 10:28
S63	3	(5201865 5741311 6317633).pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/09/25 10:29
S64	1	"5861012".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/09/25 10:43
S65	425856	time NEAr interval	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/09/25 11:31
S66	7	S61 AND S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/09/25 11:31
S67	974517	restor\$4 OR reset\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/09/25 11:38
S68	11	S61 AND S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/09/25 11:38
S69	29955	mode NEAr change	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/09/25 11:49
S70	25687	arrhythmia	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/09/25 11:50
S71	0	S61 AND S69 AND S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/09/25 11:50



S72	0	S61 AND S69	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/09/25 11:50
S73	14	S61 AND S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/09/25 11:50
S74	1	"7317943".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/09/25 16:10
S75	1	"6317633".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/03/07 11:57
S76	1	(lead NEAR impedance) WITH (safety NEAR (factor OR margin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/03/12 15:27
S77	19	(arrhythmia) WITH (safety NEAR (factor OR margin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/03/12 15:32
S78	4	(lead NEAR impedance) SAME increase SAME (safety NEAR (factor OR margin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/03/12 15:39
S79	7	(lead NEAR impedance) SAME (safety NEAR (factor OR margin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/03/12 15:43
S80	109	(arrhythmia) SAME (safety NEAR (factor OR margin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/03/12 16:03
S81	1	"7308310".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/03/13 11:42

S82	22972	impedance AND increase AND safety	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/03/13 11:43
S83	0	S81 AND L@	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/03/13 11:43
S84	1	S81 AND S82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/03/13 11:43
S85	10	(pacing NEAR mode) SAME increase SAME (safety)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/03/13 11:50
S86	83	(arrhythmia) SAME increase SAME (safety)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/03/13 12:42
S87	12	(arrhythmia) SAME increase SAME (safety NEAR (factor OR margin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/03/13 12:43
S88	1	"7308310".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/03/26 17:10
S89	5724	(modif\$4 OR adjust\$4 OR increas\$4) WITH (safety NEAR (factor OR margin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/10/09 10:50
S90	655	(pac\$4 NEAR mode NEAR (switch\$4 OR chang\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/10/09 10:50
S91	23	S89 AND S90	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/10/09 10:51

S92	1	"6430411".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/10/09 11:33
S93	1	"6430441".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2009/10/09 11:34

**EAST Search History (I nterference)**

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**10/ 10/ 2009 1:47:38 PM**

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